

Gummy vs. Gum

Number of Students: 2

Materials

- Gummy bears
- Sticks of gum
- Clean paper to place gum and gummy bears on
- Pencils
- One copy of the student activity sheet per student
- One copy of the rubric per student

Procedures

Estimate the number of gummy bears that would measure the length of 1 stick of gum. Briefly discuss this with your partner.

1. In this activity you will compare the measurement of gummy bears and gum sticks. Please read the activity sheet and the grading rubric. Line the gummy bears along 1 gum stick and determine how many gummy bears equal one gum stick. Record your findings on the T-chart. Repeat for 2 gum sticks, 3 gum sticks and 4 gum sticks.
2. Discuss with your partner any patterns between the numbers in the chart. Are the patterns consistent through both number lists? If not, find a pattern that is consistent. Answer question 2 on the activity sheet.
3. Use the data to formulate an equation that describes the pattern you just discovered. Check the formula to make sure it is accurate. Answer question 3 on the activity sheet.
4. Use the equation to predict how many gummy bears would equal the measurements for question 4 on the activity sheet.